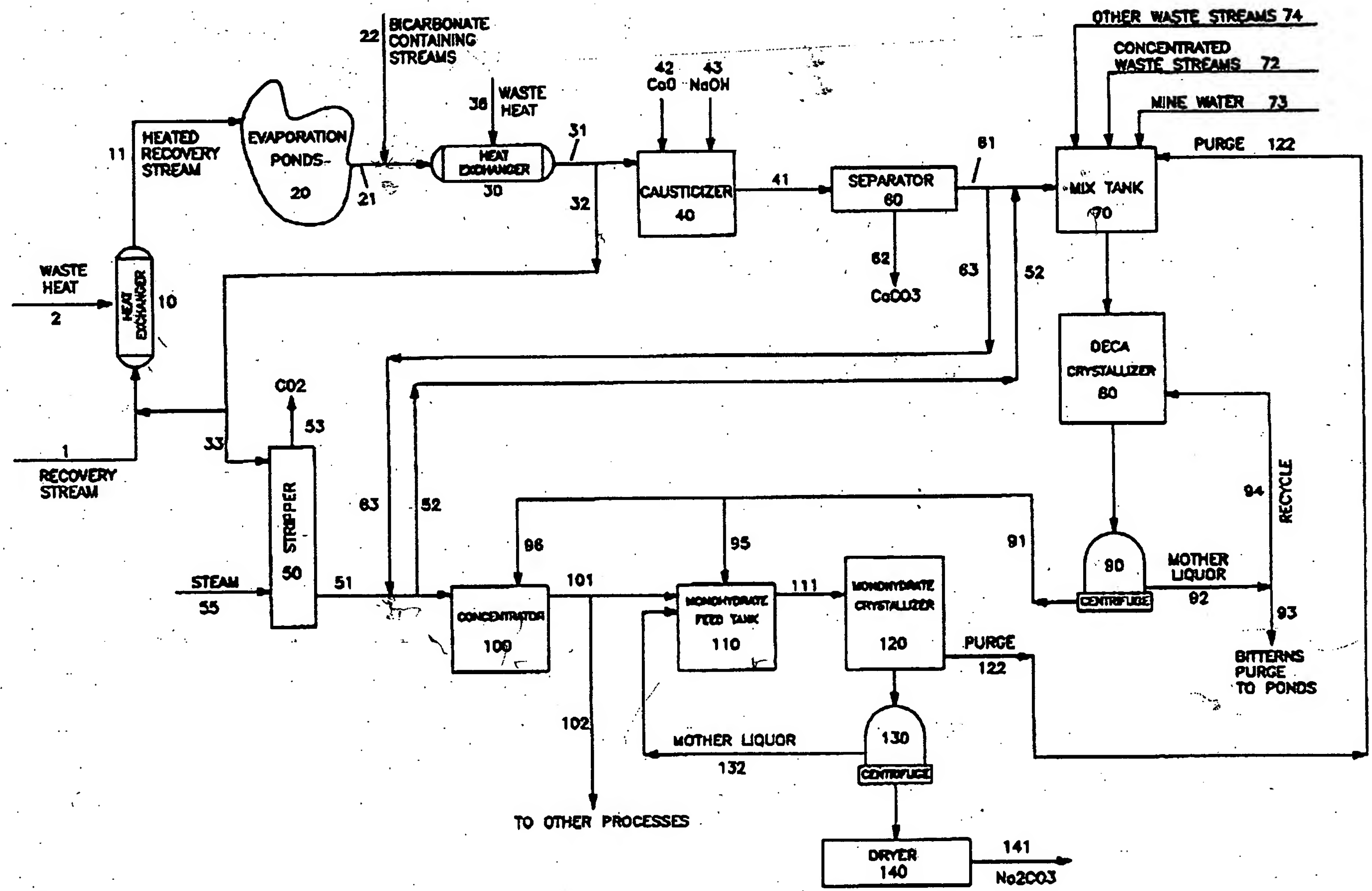
BICARBONATE CONTAINING STREAMS
22
WASTE HEAT
38
31
42 CaO
43 NaOH
61
OTHER WASTE STREAMS 74
CONCENTRATED WASTE STREAMS 72
MINE WATER 73
PURGE 122
HEATED RECOVERY STREAM
11
EVAPORATION PONDS
20
21
HEAT EXCHANGER
30
32
CAUSTICIZER
40
41
SEPARATOR
60
MIX TANK
70
WASTE HEAT
2
HEAT EXCHANGER
10
62
CaCO3
63
52
DECA CRYSTALLIZER
80
CO2
53
1
RECOVERY STREAM
33
STRIPPER
50
STEAM
55
51
63
52
96
95
91
94
RECYCLE
CONCENTRATOR
100
101
MONOHYDRATE FEED TANK
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120
90
CENTRIFUGE
MOTHER LIQUOR
92
93
BITTERNS PURGE TO PONDS
PURGE
122
102
MOTHER LIQUOR
132
130
CENTRIFUGE
TO OTHER PROCESSES
DRYER
140
141
Na2CO3

FIG. 1